

RELEASE NOTES FOR PATHPILOT V2.14.3

April 2026

ENHANCEMENTS

- We added support for the automatic collet closer on 8L lathes. (PP-5328)

FIXED ISSUES

All

- We added a **Loading... Please Wait** message that now displays when PathPilot is performing background tasks, like while loading large G-code files or gathering log data. (PP-5286)

Mills

- We fixed an issue where stopping the **Find Center A-Axis** routine sometimes saved incorrect values for the A-axis center. (PP-5287)
- We fixed an issue where the **Air Pressure** LED light on the **Status** tab didn't turn yellow with insufficient pressure, even though the appropriate warning message displayed. (PP-5291)
- We fixed an issue where the spindle didn't correctly operate in RapidTurn mode on M-series mills. (PP-5301)
- We fixed an issue where, in some cases, cutter compensation affected the number of turns in thread milling with G2 and G3. (PP-5302)
- For 770MX mills (with ML serial numbers), we adjusted the servo motor tuning to eliminate Z-axis resonance and noise during jogging. (PP-5323)
- We adjusted the drive parameters to fix an overvoltage error on 770MX machines with microARC 4 rotary axes installed. (PP-5329)

Lathes

- We updated the **Tool Clearance** tooltip in conversational programming to clarify that the value applies to both the Z- and the X-axis. (PP-5278)

xsTech Pro

- We updated user controls for the dust collector (AC box). Previously, the dust collector was controlled with M27 and M28 commands. You can now:
 - Program **M57** to turn the dust collector on and **M58** to turn the dust collector off
 - From the PathPilot interface, select the **Dust Coll.** button to toggle the dust collector on and off (PP-5312)

MANAGE PATHPILOT VERSIONS

You don't need to install updates sequentially. You can update from any previous version to the current version of PathPilot. Depending on what you want to do, refer to the following sections:

- "Download and Install an Update File from the Controller" (below)
- "Install an Update File from a USB Drive" (on the next page)
- "Install a Previous Version of an Update File" (page 4)

DOWNLOAD AND INSTALL AN UPDATE FILE FROM THE CONTROLLER

1. Confirm that the PathPilot controller is powered on and out of **Reset** mode.
2. Downloading and installing an update file requires an Internet connection. From the **Status** tab, confirm that the **Internet** button LED light is on. (To configure the network, select the LED light.) Then, select **Update**.

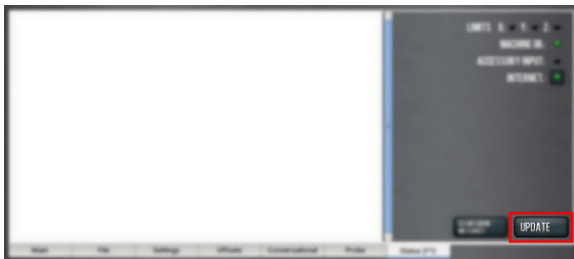


Figure 1: Update button on the Status tab.

3. From the **Software Update** dialog box, select **Check Online**.

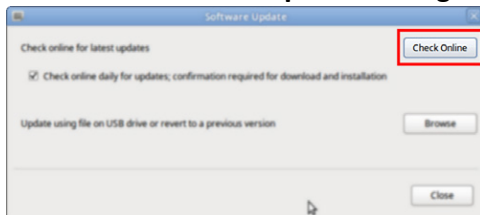


Figure 2: Software Update dialog box.

4. Select **Install**.



Figure 3: Install button on the Software Update dialog box.

The update file is downloaded, and a notification dialog box displays.

5. From the dialog box, select **OK**.
The update file is installed on the PathPilot controller.
6. Follow the on-screen instructions to restart the PathPilot controller.

INSTALL AN UPDATE FILE FROM A USB DRIVE

INSTALL AN UPDATE FILE FROM A USB DRIVE

1. From the [PathPilot support center](#), download the most recent PathPilot update file.
2. Transfer the PathPilot update file to a USB drive.
3. Put the USB drive into the PathPilot controller.
4. Confirm that the PathPilot controller is powered on and out of **Reset** mode.
5. From the **Status** tab, select **Update**.

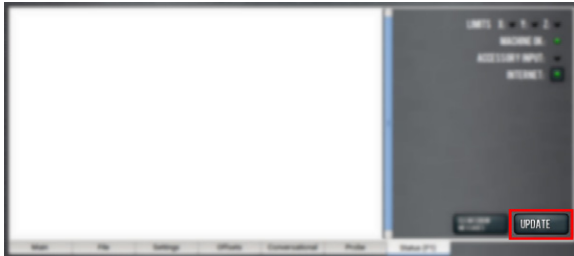


Figure 4: Update button on the Status tab.

6. From the **Software Update** dialog box, select **Browse**.

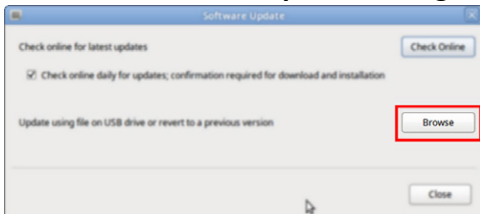


Figure 5: Software Update dialog box.

7. From the **Browse** dialog box, select **USB**.



Figure 6: Browse dialog box.

8. Select the desired update file, and then select **Update**.
The update file is installed on the PathPilot controller.
9. Follow the on-screen instructions to restart the PathPilot controller.

INSTALL A PREVIOUS VERSION OF AN UPDATE FILE

INSTALL A PREVIOUS VERSION OF AN UPDATE FILE

1. Confirm that the PathPilot controller is powered on and out of **Reset** mode.
2. From the **Status** tab, select **Update**.

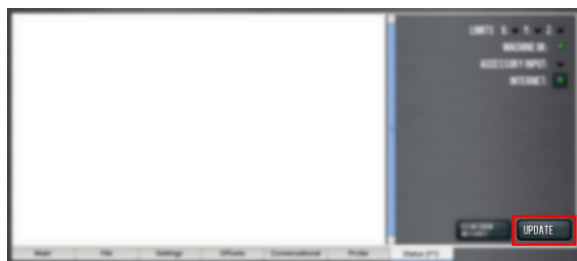


Figure 7: Update button on the Status tab.

3. From the **Software Update** dialog box, select **Browse**.

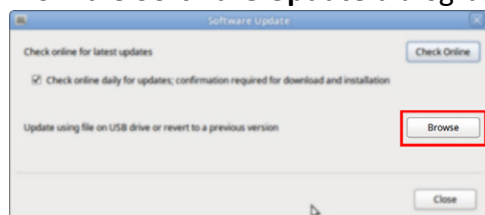


Figure 8: Software Update dialog box.

4. From the **Browse** dialog box, select **Previous Versions**.

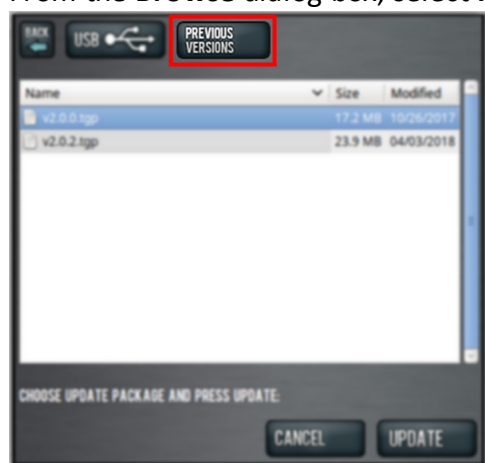


Figure 9: Browse dialog box.

5. Select the desired update file, and then select **Update**.
The update file is installed on the PathPilot controller.
6. Follow the on-screen instructions to restart the PathPilot controller.